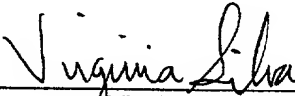


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label Number: EL700476655US
 Date of Deposit: October 23, 2001

I hereby certify that this application transmittal and accompanying patent application are being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.


 Virginia Silva

APPLICATION TRANSMITTAL

Box Patent Application

Assistant Commissioner for Patents
 Washington, DC 20231

Inventor(s): Changick Kim

For **REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW-BIT-RATE CODING**

☐ Prior Application No. _____, filed _____. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Enclosed are the following items:

- A. ☒ Postcard
 B. ☒ Patent Application Data Entry Format
 C. ☒ Other (specify) Information Disclosure Statement, PTO 1449
☒ Form PTO 1595

- ☐ Certified copies of the priority documents have been filed in the parent of this continuing application. The parent application, filed _____, was assigned Serial No. _____.
- ☐ Amend the specification by inserting before the first line, the sentence: -- This is a **Continuation** of pending prior application Serial No. _____ filed on _____ which is a continuation of Serial No. _____ filed on _____ which is now abandoned the contents of which are incorporated herein by reference.—
- ☒ The benefit of priority under 35 USC §119(e) is hereby claimed from the following provisional application: Provisional Application Serial No. 60/323,986, filed September 20, 2001
- ☐ Cancel in this application original claims _____ of the prior application before calculating the filing fee. (At least one original independent claim is retained for filing.)
- ☐ Applicant(s) presently intend(s) to file additional papers in this case after receiving an official Filing Receipt. Should the Examiner take this case up for action before receiving such papers, it is respectfully requested that the Examiner contact the attorneys for the applicant(s) at the telephone number shown below.
- ☐ A petition, fee and response has been filed, or a conditional petition is now being filed, in the prior application to extend the term of the pending prior application. Enclosed is a petition for extension of time in the prior application.



PATENT

118TP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Changick Kim

Group Art Unit: Not Yet Assigned

Serial No.: Unknown

Examiner: Not Yet Assigned

Filed: October 23, 2001

Title: Reducing Blocking And Ringing Artifacts In Low-Bit-Rate Coding

CERTIFICATE OF MAILING

I hereby certify that this correspondence, and the documents attached hereto, are being deposited with the United States Postal Service as First Class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on this date.

Date: December 6, 2001

Virginia Silva

REQUEST FOR FILING DATE DUE TO U.S. POSTAL SERVICE INTERRUPTION

BOX FILING DATE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant requests, in accordance with the USPTO Notice published in the Official Gazette on October 9, 2001, that the Utility Application Under 37 C.F.R. § 1.53(b) including five (5) sheets of Informal Drawings, a copy of which is enclosed, be accorded a filing date of October 23, 2001. Copies of the transmittal letter, PTO Data Entry Cover Sheet, Declaration and Power of Attorney, Assignment and PTO 1595, Information Disclosure Statement, PTO 1449 with nine (9) references and return postcard, deposited along with the application, are also enclosed.

In support of this request, applicant submits herewith a Statement of Virginia Silva and Exhibits A and B.

The Commissioner is hereby authorized to charge any fees associated with this request to Deposit Account No.: 19-2746.

Respectfully submitted,

Michael T. Gabrik

Michael T. Gabrik

Registration No. 32,896

Please address all correspondence to:
Epson Research and Development, Inc.
Intellectual Property Department
150 River Oaks Parkway, Suite 225
San Jose, CA 95134
Phone: (408) 952-6000
Fax: (408) 954-9058
Customer No. 20178
Date: December 6, 2001

Receipt date granted
is 10/23/01.
J. Chang
from OPLA

CLAIMS AS FILED (OTHER THAN SMALL ENTITY)

CLAIMS	(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Calculations
	Total Claims (37 CFR 1.16(c))	19 - 20 =	0	x \$18 =	\$0
	Independent Claims (37 CFR 1.16(b))	3 - 3 =	0	x \$84 =	\$0
	Multiple Dependent Claims (if applicable) (37 CFR 1.16(d))			+ \$280 =	\$0
	Provisional Application Filing Fee = 160 (37 CFR 1.16(k))				\$ 0
	Basic Fee = (37 CFR 1.16(a))				\$740.00
	TOTAL =				\$740.00

- ☒ Applicant(s) believe(s) that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-2746 as described below:

- ☒ Charge the total filing fee of \$740.00.
- ☒ Charge any additional filing fees as required under 37 C.F.R. 1.16 and 1.17.
- ☒ Credit any overpayment.

Please address all correspondence in connection with this application to:

**Intellectual Property Department
Epson Research and Development, Inc.
150 River Oaks Parkway, Suite 225
San Jose, CA 95134
Customer No. 20178**

PATENT & TRADEMARK OFFICE



20178

Michael T. Gabrik

Michael T. Gabrik

Registration No.: **32,896**

Telephone: (408) 952-6000

FAX: (408) 954-9058

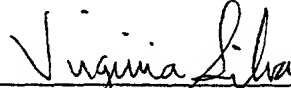
Date: October 23, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label Number: EL700476655US
Date of Deposit: October 23, 2001

I hereby certify that this application transmittal and accompanying patent application are being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.


Virginia Silva

APPLICATION TRANSMITTAL

Box Patent Application

Assistant Commissioner for Patents
Washington, DC 20231

Inventor(s): Changick Kim

For: REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW-BIT-RATE CODING

☐ Prior Application No. , filed . The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Enclosed are the following items:

- A. ☒ Postcard
B. ☒ Patent Application Data Entry Format
C. ☒ Other (specify) Information Disclosure Statement, PTO 1449
☒ Form PTO 1595

- ☐ Certified copies of the priority documents have been filed in the parent of this continuing application. The parent application, filed , was assigned Serial No. .
- ☐ Amend the specification by inserting before the first line, the sentence: -- This is a **Continuation** of pending prior application Serial No. filed on which is a continuation of Serial No. filed on which is now abandoned the contents of which are incorporated herein by reference.--
- ☒ The benefit of priority under 35 USC §119(e) is hereby claimed from the following provisional application: Provisional Application Serial No. 60/323,986, filed September 20, 2001
- ☐ Cancel in this application original claims ____ of the prior application before calculating the filing fee. (At least one original independent claim is retained for filing.)
- ☐ Applicant(s) presently intend(s) to file additional papers in this case after receiving an official Filing Receipt. Should the Examiner take this case up for action before receiving such papers, it is respectfully requested that the Examiner contact the attorneys for the applicant(s) at the telephone number shown below.
- ☐ A petition, fee and response has been filed, or a conditional petition is now being filed, in the prior application to extend the term of the pending prior application. Enclosed is a petition for extension of time in the prior application.

CLAIMS AS FILED (OTHER THAN SMALL ENTITY)

CLAIMS	(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Calculations
	Total Claims (37 CFR 1.16(c))	19 - 20 =	0	x \$18 =	\$0
	Independent Claims (37 CFR 1.16(b))	3 - 3 =	0	x \$84 =	\$0
	Multiple Dependent Claims (if applicable) (37 CFR 1.16(d))			+ \$280 =	\$0
	Provisional Application Filing Fee = 160 (37 CFR 1.16(k))				\$0
	Basic Fee = (37 CFR 1.16(a))				\$740.00
	TOTAL =				\$740.00

☒ Applicant(s) believe(s) that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-2746 as described below:

☒ Charge the total filing fee of \$740.00.

☒ Charge any additional filing fees as required under 37 C.F.R. 1.16 and 1.17.

☒ Credit any overpayment.

☒ Please address all correspondence in connection with this application to:

**Intellectual Property Department
Epson Research and Development, Inc.
150 River Oaks Parkway, Suite 225
San Jose, CA 95134
Customer No. 20178**

PATENT & TRADEMARK OFFICE



20178

Michael T. Gabrik

Michael T. Gabrik

Registration No.: 32,896

Telephone: (408) 952-6000

FAX: (408) 954-9058

Date: October 23, 2001